0 SEA GGNAA[AG]CGNTCNGCNGA[AG]/SQSN AND SQL<43

0 SEA GGNAA[AG]AG[AG]TCNGCNGA[AG]/SQSN AND SQL<43

L1

L2

CLAIM 28 SRLH

AN 1996:676546 CAPLUS

DN 125:319032

TI Oligonucleotide probes for alpha satellite DNA variants can distinguish homologous chromosomes by FISH

AU O'Keefe, Christine L.; Warburton, Peter E.; Matera, A. Gregory

CS Dep. Genetics, Case Western Reserve Univ. and Univ. Hospitals Cleveland, Cleveland, OH, 44106-4955, USA

SO Human Molecular Genetics (1996), 5(11), 1793-1799 CODEN: HMGEE5; ISSN: 0964-6906

PB Oxford University Press

DT Journal

LA English

IT 183390-19-4P

RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); PRP (Properties); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence of alphoid-specific FISH probe 17HAP2.1; oligonucleotide probes for alpha satellite DNA variants can distinguish homologous chromosomes by FISH)

RN 183390-19-4 CAPLUS

CN DNA, d(A-T-A-A-T-T-G-C-A-C-T-T-C-T-T-G-A-G-G-C-C-T-A-C-C-G) (9CI) (CA INDEX NAME)

NTE singlestranded

SEQ 1 ataattgcac ttctttgagg cctaccg

=> FIL STNGUIDE COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

458.67

125.45

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 11:23:39 ON 11 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 6, 2004 (20040806/UP).

=> d hist

(FILE 'HOME' ENTERED AT 10:53:48 ON 11 AUG 2004)

FILE 'REGISTRY' ENTERED AT 10:53:56 ON 11 AUG 2004 L1 199211 SEA CUNNNNNNCUN/SQSN AND SQL<40

FILE 'CAPLUS' ENTERED AT 10:56:23 ON 11 AUG 2004

L2 19871 S L1

L3 2469 S L2 NOT PY>1997

L4 1947 S L3 NOT PY>1996

FILE 'STNGUIDE' ENTERED AT 11:04:18 ON 11 AUG 2004

FILE 'REGISTRY' ENTERED AT 11:17:26 ON 11 AUG 2004 L5 19581 SEA CUNCUNNNNNNCUN/SQSN AND SQL<40

FILE 'CAPLUS' ENTERED AT 11:19:44 ON 11 AUG 2004

283 S L6 NOT PY>1996

FILE 'STNGUIDE' ENTERED AT 11:23:39 ON 11 AUG 2004

(Im 29 ANSWER 18 OF 283 CAPLUS COPYRIGHT 2004 ACS on STN AN 1996:718410 CAPLUS DN 126:84160 Site-Specific d(GpG) Intrastrand Cross-Links Formed by Dinuclear Platinum TIComplexes. Bending and NMR Studies Kasparkova, J.; Mellish, K. J.; Qu, Y.; Brabec, V.; Farrell, N. ΑU CS Institute of Biophysics, Academy of Sciences, Brno, 61265, Czech Rep. SO Biochemistry (1996), 35(51), 16705-16713 CODEN: BICHAW; ISSN: 0006-2960 PΒ American Chemical Society DTJournal LA English IT 185703-67-7 185703-68-8 185703-71-3 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study) (bending and NMR studies of site-specific d(GpG) intrastrand crosslinks formed by dinuclear platinum complexes) RN 185703-67-7 CAPLUS CNDNA, d(C-T-C-C-T-T-G-G-T-C-T-C-C-T-T), complex with DNA d(G-A-A-G-G-A-G-A-C-C-A-A-G-G-A) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** RN185703-68-8 CAPLUS DNA, d(C-C-T-C-T-C-C-T-T-G-G-T-C-T-C-T-T-C-T), complex with DNA CN d(G-A-G-A-A-G-G-A-G-A-C-C-A-A-G-G-A-G-A-G) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** RN185703-71-3 CAPLUS DNA, d(C-C-T-C-T-C-C-T-T-G-G-T-C-T-C-C-T-T-C), complex with DNA CN d(G-G-A-A-G-G-A-G-A-C-C-A-A-G-G-A-G-A-G) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** IT185703-69-9 185703-70-2 RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process) (bending and NMR studies of site-specific d(GpG) intrastrand crosslinks formed by dinuclear platinum complexes) 185703-69-9 CAPLUS RN CN d(G-G-A-G-A-G-G-A-G-A-G-A-G-A-G-A-G) (1:1) (9CI) (CA INDEX NAME) NTEdoublestranded (2) SEO 1 cctctccttg gtctccttct c l ggagaaggag accaaggaga g

ANSWER 20 OF 283 CAPLUS COPYRIGHT 2004 ACS on STN

1996:676546 CAPLUS AN

125:319032 DN

Oligonucleotide probes for alpha satellite DNA variants can distinguish TIhomologous chromosomes by FISH

O'Keefe, Christine L.; Warburton, Peter E.; Matera, A. Gregory ΑU

Dep. Genetics, Case Western Reserve Univ. and Univ. Hospitals Cleveland, Cleveland, OH, 44106-4955, USA CS

SO Human Molecular Genetics (1996), 5(11), 1793-1799 CODEN: HMGEE5; ISSN: 0964-6906

PB Oxford University Press

DTJournal

English LΑ

IT183390-19-4P

> RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); PRP (Properties); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence of alphoid-specific FISH probe 17HAP2.1; oligonucleotide probes for alpha satellite DNA variants can distinguish homologous chromosomes by FISH)

RN183390-19-4 CAPLUS

DNA, d(A-T-A-A-T-T-G-C-A-C-T-T-C-T-T-T-G-A-G-G-C-C-T-A-C-C-G) (9CI) (CA) CNINDEX NAME)

NTE singlestranded

SEO 1 ataattgcac ttctttqaqq cctaccq

=> FIL STNGUIDE COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 125.45 458.67

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 11:23:39 ON 11 AUG 2004 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION. LAST RELOADED: Aug 6, 2004 (20040806/UP).

=> d hist

(FILE 'HOME' ENTERED AT 10:53:48 ON 11 AUG 2004)

FILE 'REGISTRY' ENTERED AT 10:53:56 ON 11 AUG 2004 L1199211 SEA CUNNNNNNNCUN/SOSN AND SOL<40

FILE 'CAPLUS' ENTERED AT 10:56:23 ON 11 AUG 2004

T₁2 19871 S L1

1.3 2469 S L2 NOT PY>1997

1947 S L3 NOT PY>1996 L4

FILE 'STNGUIDE' ENTERED AT 11:04:18 ON 11 AUG 2004

FILE 'REGISTRY' ENTERED AT 11:17:26 ON 11 AUG 2004 L5 19581 SEA CUNCUNNNNNNNCUN/SQSN AND SOL<40

FILE 'CAPLUS' ENTERED AT 11:19:44 ON 11 AUG 2004

```
PΙ
     EP 721989
                          A1
                                19960717
                                           EP 1996-400098
                                                                   19960115 <--
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
     FR 2729392
                          Α1
                                19960719
                                           FR 1995-410
                                                                   19950116 <--
     FR 2729392
                          B1
                                19970328
     CA 2167354
                          AA
                                           CA 1996-2167354
                                19960717
                                                                   19960116 <--
     JP 08317798
                          A2
                                19961203
                                          JP 1996-4622
                                                                   19960116 <--
     CN 1148625
                          Α
                                19970430
                                           CN 1996-104393
                                                                   19960116 <--
     US 5824795
                         A
                                19981020
                                            US 1996-586272
                                                                   19960116
     US 6080545
                         A
                                20000627
                                            US 1998-82969
                                                                   19980522
PRAI FR 1995-410
                          A
                                19950116
     US 1996-586272
                         A1
                               19960116
TΤ
     180191-94-0
     RL: ARG (Analytical reagent use); PRP (Properties); ANST (Analytical
     study); USES (Uses)
        (primer for detection of Salmonella; oligonucleotide primers derived
        from iagA and iagB genes for detection of Salmonella)
RN
     180191-94-0 CAPLUS
CN
     DNA, d(G-C-A-C-C-A-G-G-A-A-A-G-C-A-T-T-A-A-G-T-T-G-A-T-A-G-A-A-C-A-C)
     (9CI) (CA INDEX NAME)
SEO
         1 gcaccaggaa agcattaagt tgatagaaca c
L3
     ANSWER 11 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
AN
     1996:456160 CAPLUS
DN
     125:165334
     Chicken monoclonal antibody isolated by a phage display system
TI
     Yamanaka, Hachiro I.; Inoue, Tomomi; Ikeda-Tanaka, Otomi
ΑIJ
CS
     New Drug Res. Lab., Kanebo Ltd., Osaka, Japan
     Journal of Immunology (1996), 157(3), 1156-1162
SO
     CODEN: JOIMA3; ISSN: 0022-1767
PB
     American Association of Immunologists
DT
     Journal
LΑ
     English
ΙT
     180257-49-2
     RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
        (PCR primer; sequences of chicken monoclonal antibodies to murine serum
        albumin isolated by phage display system in relation to diversification
        processes)
RN
     180257-49-2 CAPLUS
CN
     DNA, d(T-T-G-G-G-A-C-T-G-G-C-A-G-G-A-A-T-T-C-G-C-G-C-G-A-T-T-A) (9CI)
     INDEX NAME)
NTE singlestranded
SEQ
         1 ttgggactgg caggaattcg cgcgatta
L3
     ANSWER 12 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
AN
     1996:404844 CAPLUS
DN
     125:80339
TI
     Enhanced Folding of Hairpin Ribozymes with Replaced Domains
     Komatsu, Yasuo; Kanzaki, Ikuyo; Ohtsuka, Eiko
ΑU
CS
     Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo, 060,
     Japan
SO
     Biochemistry (1996), 35(30), 9815-9820
```

CODEN: BICHAW; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

IT 178808-07-6P 178808-08-7P 178808-09-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(enhanced folding of hairpin ribozymes with replaced domains)

RN 178808-07-6 CAPLUS

NTE multistranded (3)

SEQ 1 cgugguauau uaccugcuuc ggcagagaaa cacacgcccg ucg

- 1 cgacgggaaa aaaaaacaga gaaguca
- 1 ugacaguccu guuuc

RN 178808-08-7 CAPLUS

NTE multistranded (3)

SEQ 1 cgugguauau uaccuqcuuc qqcaqaqaaa cacacqaacc cqucq

- 1 cgacgggaaa aaaaaacaga gaaguca
- 1 ugacaguccu guuuc

RN 178808-09-8 CAPLUS

NTE multistranded (3)

SEQ 1 cgugguauau uaccugcuuc ggcagagaaa cacacqaaaa cccqucq

- 1 cgacgggaaa aaaaaacaga gaaguca
- 1 ugacaguccu guuuc
- L3 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1996:82314 CAPLUS
- DN 124:166384

TI DNA-based typing of human platelet antigen systems by polymerase chain reaction-single-strand conformation polymorphism method

AU Fujiwara, Koki; Tokunaga, Katsushi; Isa, Kazumi; Miyamoto, Masaki; Wang,

FILE 'STNGUIDE' ENTERED AT 11:23:39 ON 11 AUG 2004

(Im 29 L7ANSWER 18 OF 283 CAPLUS COPYRIGHT 2004 ACS on STN 1996:718410 CAPLUS ΔM DN 126:84160 ΤI Site-Specific d(GpG) Intrastrand Cross-Links Formed by Dinuclear Platinum Complexes. Bending and NMR Studies Kasparkova, J.; Mellish, K. J.; Qu, Y.; Brabec, V.; Farrell, N. ΑU CS Institute of Biophysics, Academy of Sciences, Brno, 61265, Czech Rep. SO Biochemistry (1996), 35(51), 16705-16713 CODEN: BICHAW; ISSN: 0006-2960 PBAmerican Chemical Society DTJournal LAEnglish IΤ 185703-67-7 185703-68-8 185703-71-3 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study) (bending and NMR studies of site-specific d(GpG) intrastrand crosslinks formed by dinuclear platinum complexes) RN185703-67-7 CAPLUS DNA, d(C-T-C-C-T-T-G-G-T-C-T-C-C-T-T), complex with DNA CNd(G-A-A-G-G-A-G-A-C-C-A-A-G-G-A) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** RN185703-68-8 CAPLUS DNA, d(C-C-T-C-T-C-C-T-T-G-G-T-C-T-C-T-T-C-T), complex with DNA CN d(G-A-G-A-A-G-G-A-G-A-C-C-A-A-G-G-A-G-A-G) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** RN 185703-71-3 CAPLUS CN DNA, d(C-C-T-C-T-C-C-T-T-G-G-T-C-T-C-C-T-T-C), complex with DNA d(G-G-A-A-G-G-A-G-A-C-C-A-A-G-G-A-G-A-G) (1:1) (9CI) (CA INDEX NAME) *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 185703-69-9 185703-70-2 RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process) (bending and NMR studies of site-specific d(GpG) intrastrand crosslinks formed by dinuclear platinum complexes) 185703-69-9 CAPLUS RN CN d(G-G-A-G-A-G-G-A-G-A-C-C-A-A-G-G-A-G) (1:1) (9CI) (CA INDEX NAME) NTE doublestranded (2) 1 cctctccttg gtctccttct c SEQ 1 ggagaaggag accaaggaga q

```
A
     US 5532127
                                 19960702
                                               US 1994-314362
                                                                         19940928 <--
                                19980630 US 1995-482882
19980922 US 1995-483389
                                               US 1995-482882
     US 5773218
                          Α
                                                                         19950607
                        A 19980922 US 1995-483389

A 19981117 US 1995-487113

A 19990209 US 1995-473503

A 19990309 US 1995-483932

A2 19920127
     US 5811517
                                                                         19950607
     US 5837822
                                                                        19950607
     US 5869262
                                                                        19950607
     US 5880268
                                                                         19950607
PRAI US 1992-827689
     US 1992-889724
                          A2 19920526
     US 1992-894061
                          B2
                                 19920605
     US 1993-9266
                           B2
                                 19930122
                         ^ A2
     WO 1993-US787
                                 19930126
     US 1993-102852
                          B2
                                 19930805
     US 1995-487113
                           A2
                                  19950607
                      A3
     US 1994-286754
                                 19940805
     198040-85-6, GenBank AR013905
TΤ
```

RL: PRP (Properties)

(unclaimed nucleotide sequence; method for identifying modulators of protein kinase C phosphorylation of ICAM-R)

RN 198040-85-6 CAPLUS

99: PN: US5989843 SEQID: 107 unclaimed DNA (9CI) (CA INDEX NAME) CN

SEQ 1 gggggagtcg ctagcaggac aaaggtc

RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN

ΑN 1998:7101 CAPLUS

DN128:124246

Platelet antigen allele frequencies in Australian Aboriginal and Caucasian TIpopulations

Chen, Zhenjun; Lester, Susan; Boettcher, Barry; McCluskey, James ΑU

CS Dep. Microbiology & Immunology, Univ. Melbourne, Victoria, Australia

Pathology (1997), 29(4), 392-398 CODEN: PTLGAX; ISSN: 0031-3025

PB Carfax Publishing Ltd.

Journal DT

LΑ English

ΙT 201949-14-6

RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(PCR primer for platelet specific antigen system HPA-3; platelet antiqen allele frequencies in Australian Aboriginal and Caucasian populations)

201949-14-6 CAPLUS RN

DNA, d(G-T-G-G-A-A-G-A-A-G-A-C-C-T-G-G-G-A-A) (9CI) (CA INDEX NAME) CN

NTE singlestranded

SEO 1 gtggaagaaa gacctgggaa

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

CLM 26 112(b) ANSWER 7 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN L3

AN 1997:359672 CAPLUS

127:105150 DN

The promoter context is a decisive factor in establishing selective ΤI

```
responsiveness to nuclear class II receptors
ΑU
     Sanguedolce, Muriel V.; Leblanc, Benoit P.; Betz, Joan L.; Stunnenberg,
     Hendrik G.
CS
     Gene Expression Program, European Molecular Biology Laboratory,
     Heidelberg, D-69117, Germany
SO
     EMBO Journal (1997); 16(10), 2861-2873
     CODEN: EMJODG; ISSN: 0261-4189
PΒ
     Oxford University Press
DT
     Journal
LΑ
     English
IT
     192334-16-0
     RL: BPR (Biological process); BSU (Biological study, unclassified); PRP
     (Properties); BIOL (Biological study); PROC (Process)
        (direct repeat DR3; RARE function; promoter context capable of
        overriding affinity of transcription factors for cognate binding sites
        through interaction with cell-specific factors)
RN
     192334-16-0 CAPLUS
     DNA, d(A-G-G-T-C-A-C-A-G-G-T-C-A-C-T-C-G-A-G-T-A-T-A-T-T-A-G),
CN
     double-stranded complementary (9CI) (CA INDEX NAME)
NTE
     doublestranded
SEO
         1 aggtcacagg tcactcgagt atattag
L3
     ANSWER 8 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
AN
     1997:67336 CAPLUS
DN
     126:71212
TI
     Human ataxia-telangiectasia gene and its genomic organization
IN
     Shiloh, Yosef
PΑ
     Ramot-Univ. Authority for Applied Research and Industrial Development,
     Ltd., Israel; Kohn, Kenneth I.; Shiloh, Yosef
SO
     PCT Int. Appl., 153 pp.
     CODEN: PIXXD2
DT
     Patent
LΑ
     English
FAN.CNT 8
                                            APPLICATION NO.
     PATENT NO.
                        KIND
                                DATE
                                                                  DATE
                        ----
                                _____
                                            -----
                                                                   -----
PΤ
     WO 9636691
                         A1
                               19961121
                                           WO 1996-US7025
                                                                   19960516 <--
        W: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG,
             KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG,
             SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
             IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
             MR, NE, SN, TD, TG
     US 5756288
                                19980526
                          Α
                                            US 1995-441822
                                                                   19950516
    US 5858661
                                            US 1996-629001
                          Α
                                19990112
                                                                   19960408
    AU 9658607
                          Α1
                                19961129
                                            AU 1996-58607
                                                                   19960516 <--
    AU 696397
                          B2
                                19980910
     EP 826031
                                19980304
                                            EP 1996-920236
                         A1
                                                                   19960516
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
    JP 11505125
                          T2
                                19990518
                                            JP 1996-535048
                                                                   19960516
    US 6265158
                          В1
                                20010724
                                            US 1998-952014
                                                                   19980202
    US 2003118991
                         A1
                                20030626
                                            US 2001-825476
                                                                   20010403
PRAI US 1995-441822
                         Α
                                19950516
    US 1996-629001
                         Α
                                19960408
    WO 1996-US7025
                         W
                                19960516
    US 1998-952014
                         А3
                                19980202
IΤ
    185404-13-1
```